

FIG. 1
(Prior Art)

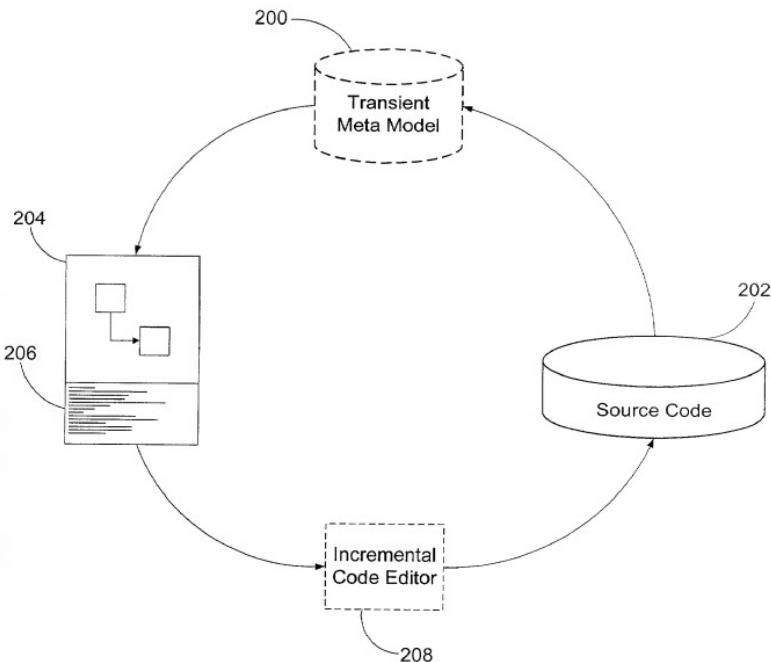


FIG. 2

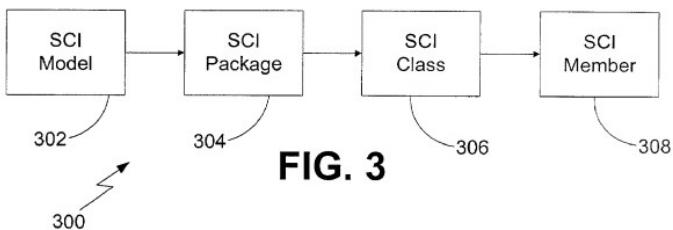


FIG. 3

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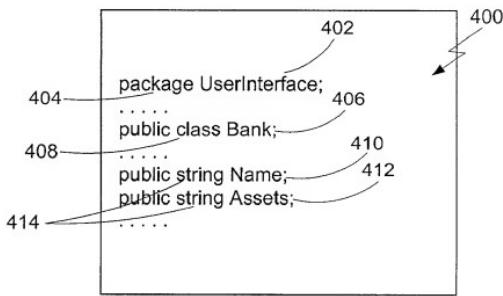


FIG. 4

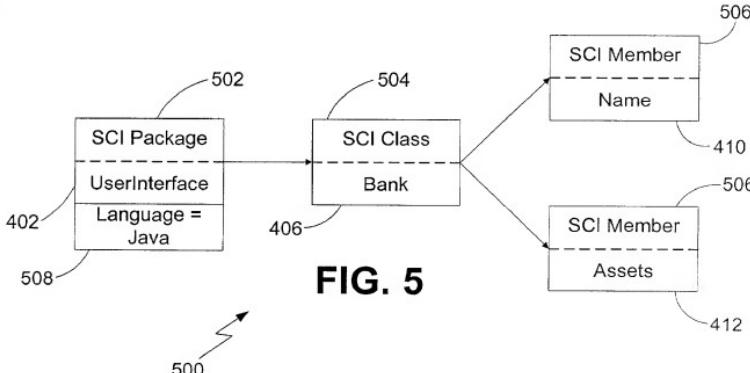


FIG. 5

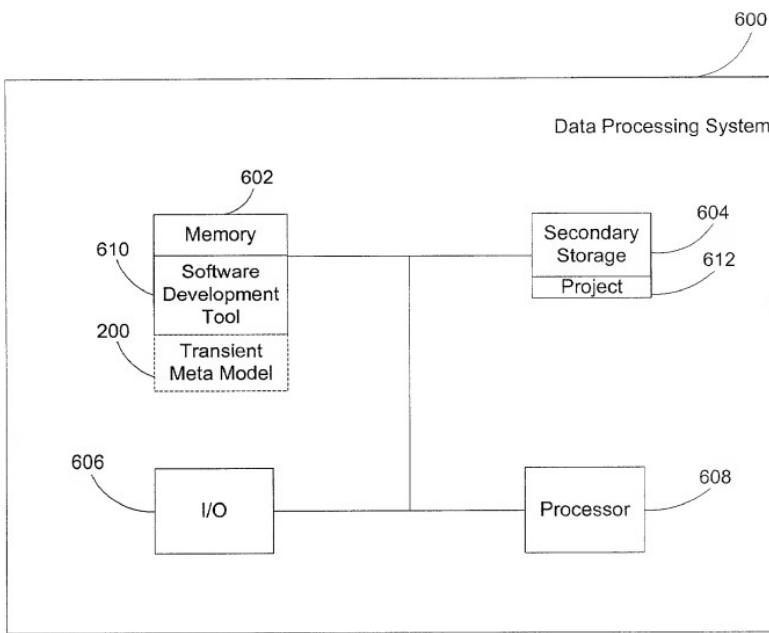


FIG. 6

1002410 "32593860

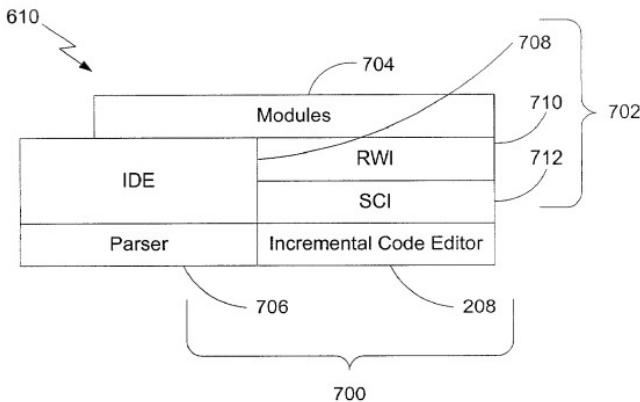


FIG. 7

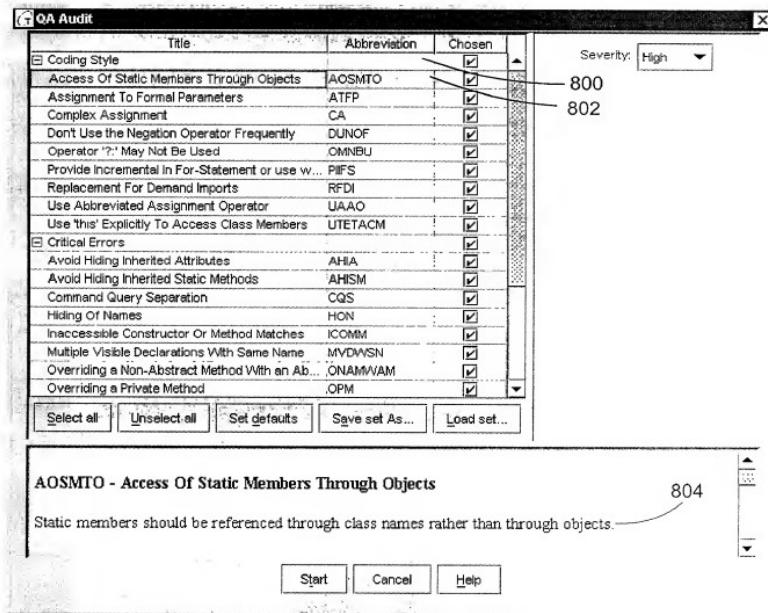


FIG. 8A

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| Title | Abbreviation | Chosen |
|--|--------------|-------------------------------------|
| Complex Assignment | CA | <input checked="" type="checkbox"/> |
| Don't Use the Negation Operator Frequently | DUNOF | <input checked="" type="checkbox"/> |
| Operator '?' May Not Be Used | OMNBUD | <input checked="" type="checkbox"/> |
| Provide Incremental in For-Statement or use w... | PIFS | <input checked="" type="checkbox"/> |
| Replacement For Demand Imports | RFDI | <input checked="" type="checkbox"/> |
| Use Abbreviated Assignment Operator | UAAO | <input checked="" type="checkbox"/> |

Severity: Normal

Select all Unselect all Set defaults Save set As... Load set...

CA - Complex Assignment 808

Checks for the occurrence of multiple assignments and assignments to variables within the same expression. Too complex assignments should be avoided since they decrease program readability

Wrong

```
// compound assignment
i *= j++;
k = j = 10;
l = j += 15;
// nested assignment
i = j++ + 20;
i = (j = 25) + 30;
```

810

Tip: Break statement into several ones.

Start Cancel Help

FIG. 8B

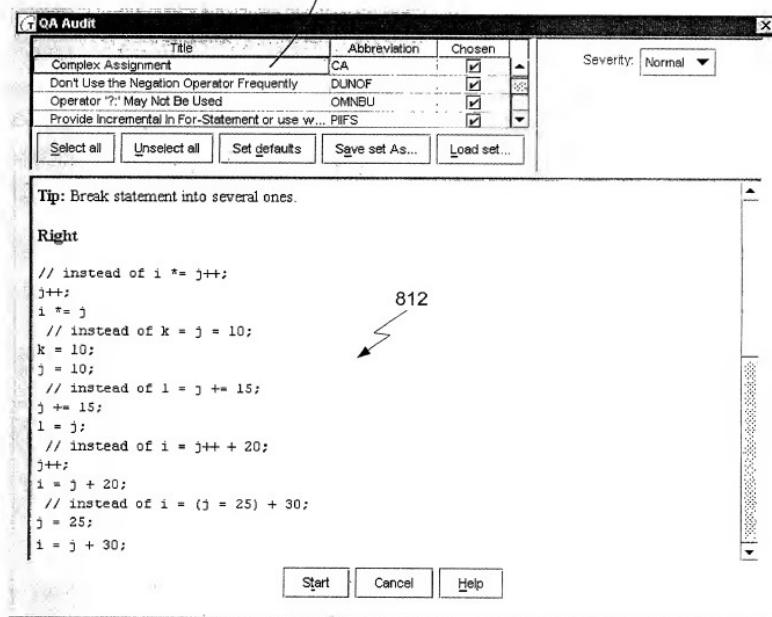
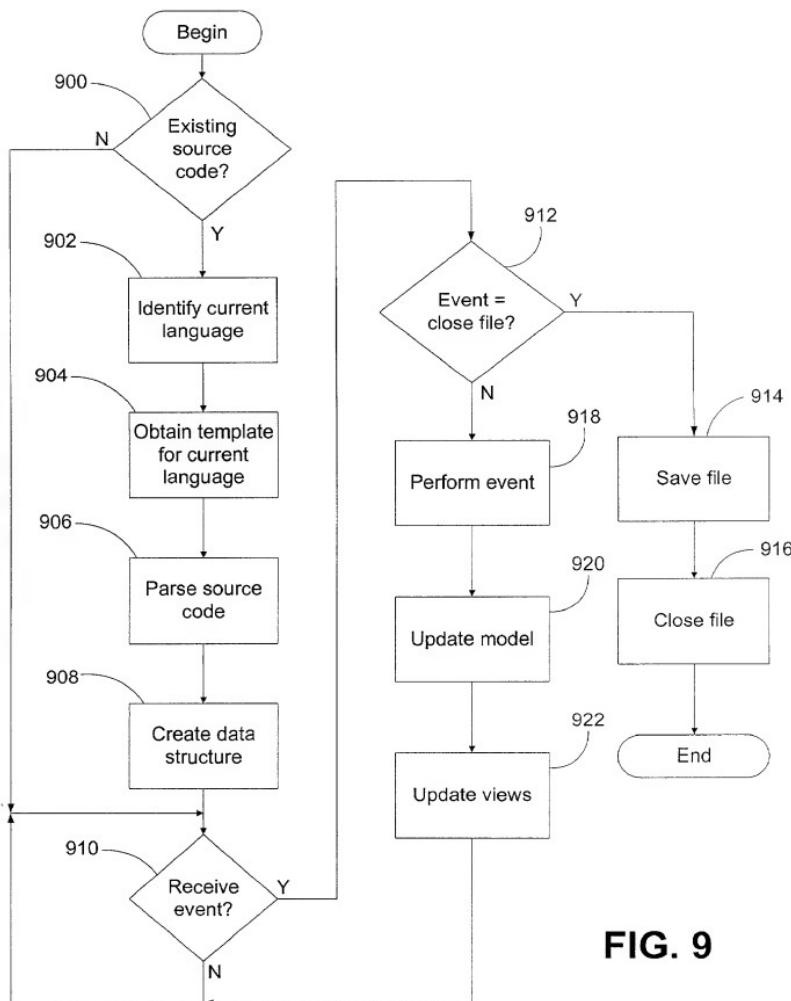
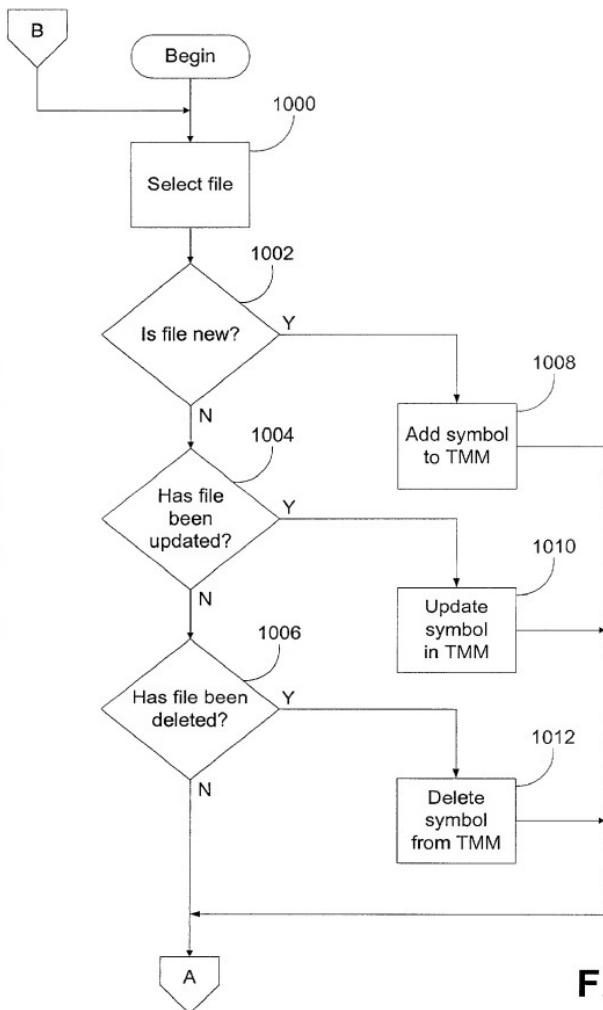


FIG. 8C

100340 - 9353869

**FIG. 9**

**FIG. 10A**

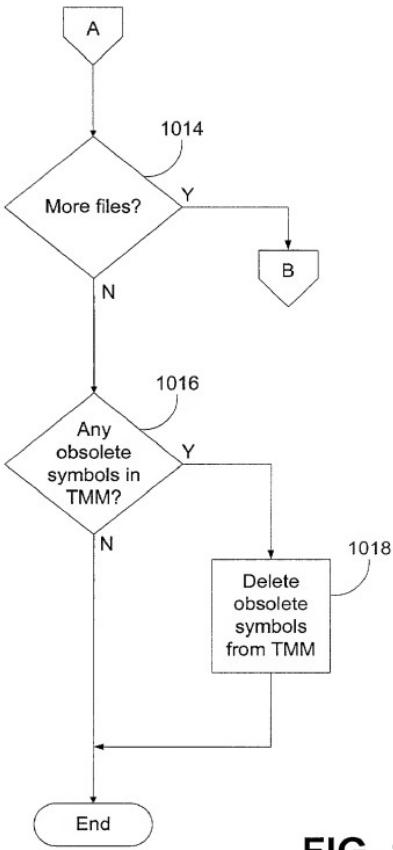


FIG. 10B

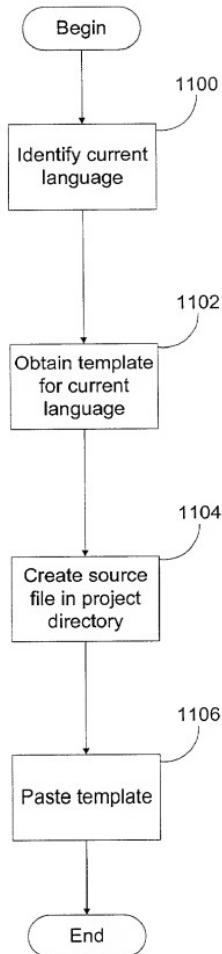


FIG. 11

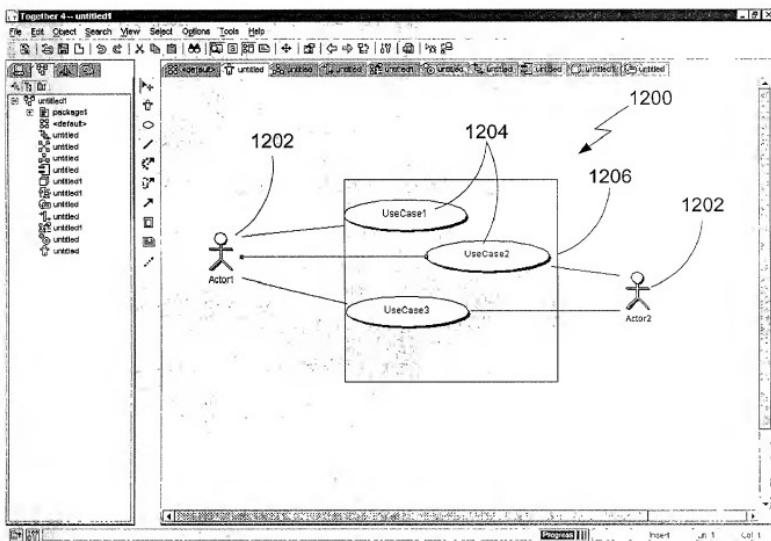


FIG. 12

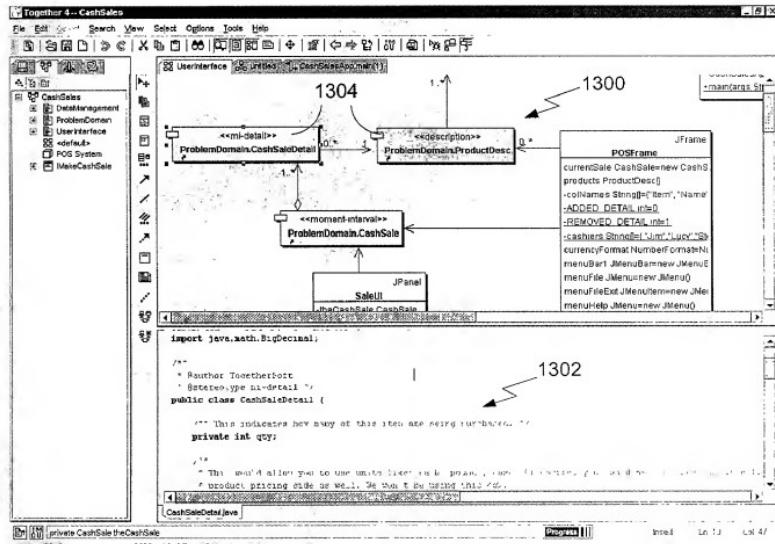


FIG. 13

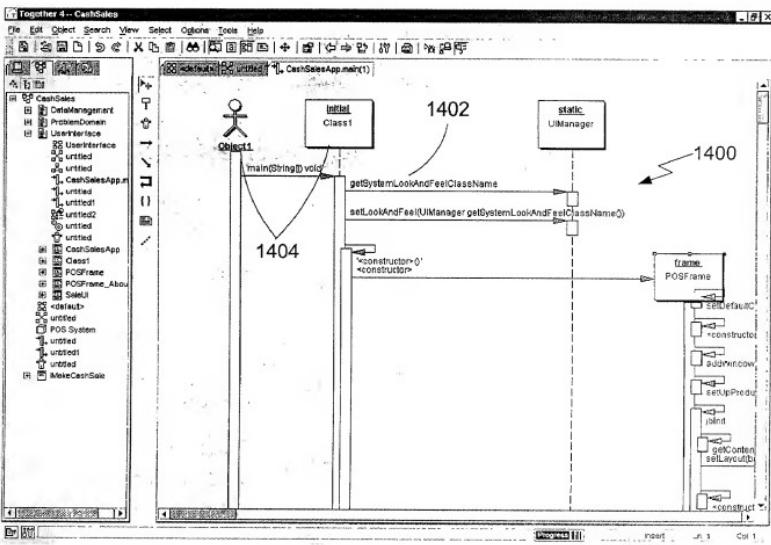


FIG. 14

TOOLS - DESIGN - CODE

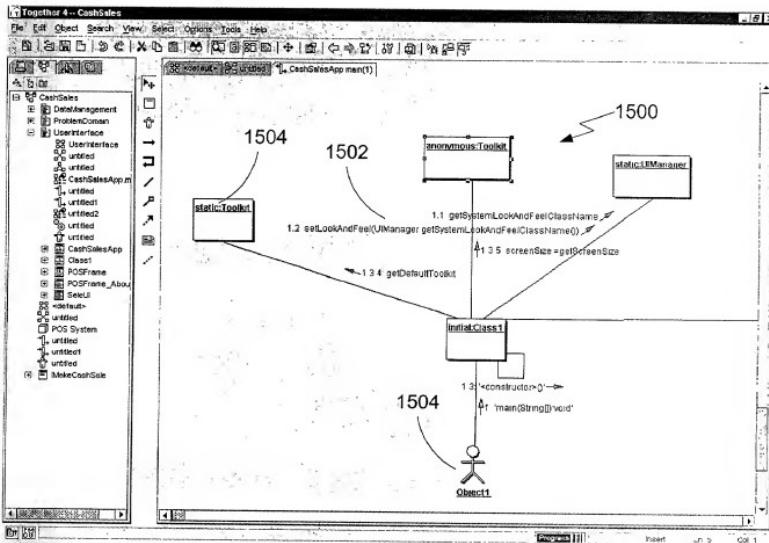


FIG. 15

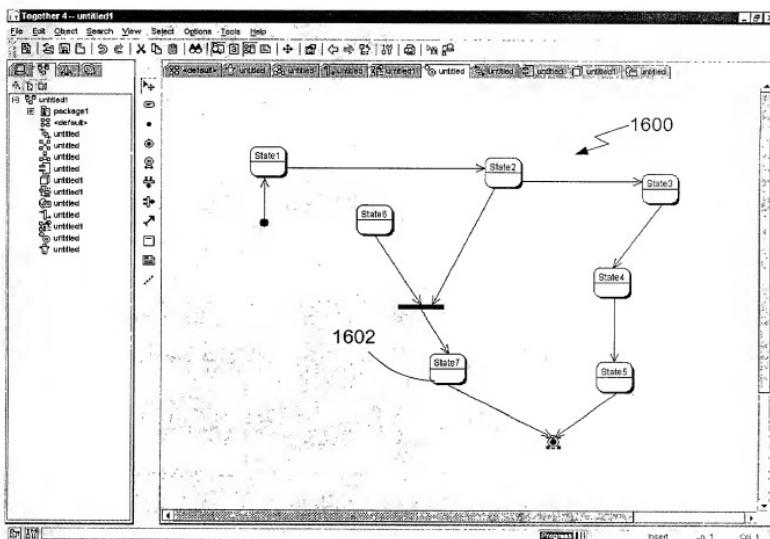


FIG. 16

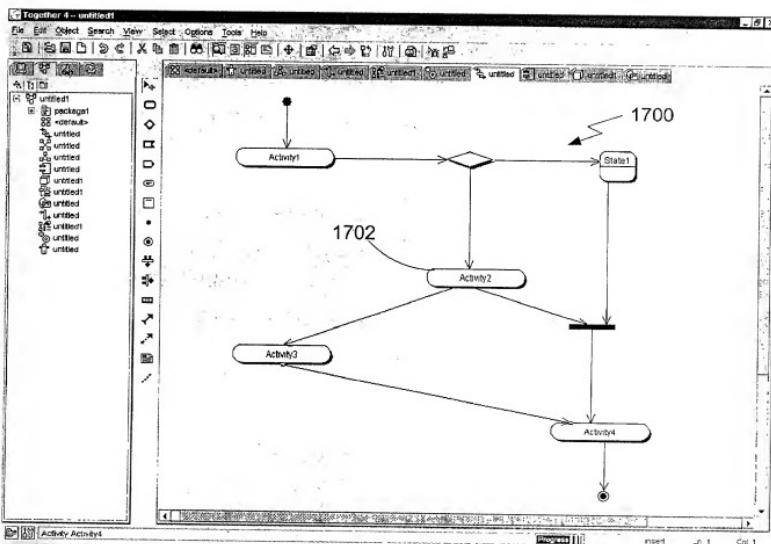


FIG. 17

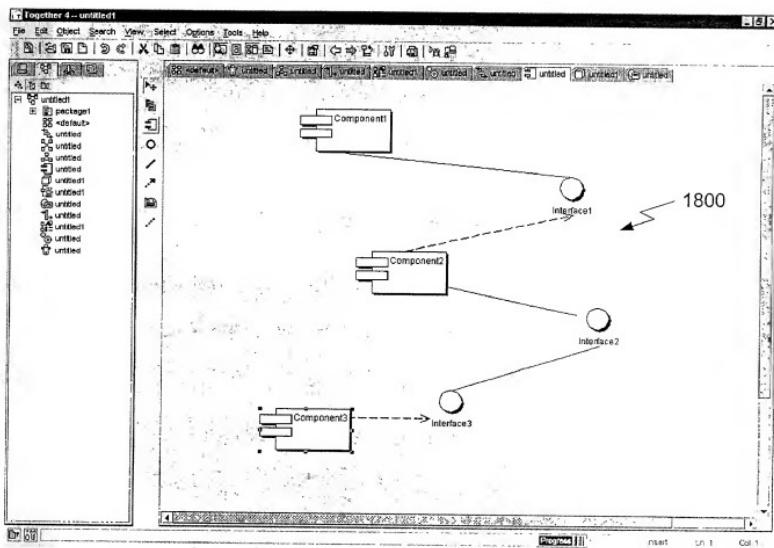


FIG. 18

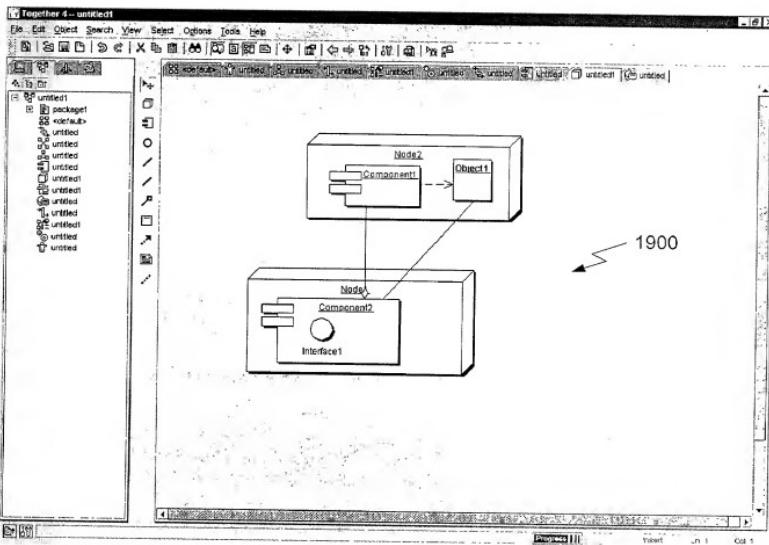


FIG. 19

FIG. 20

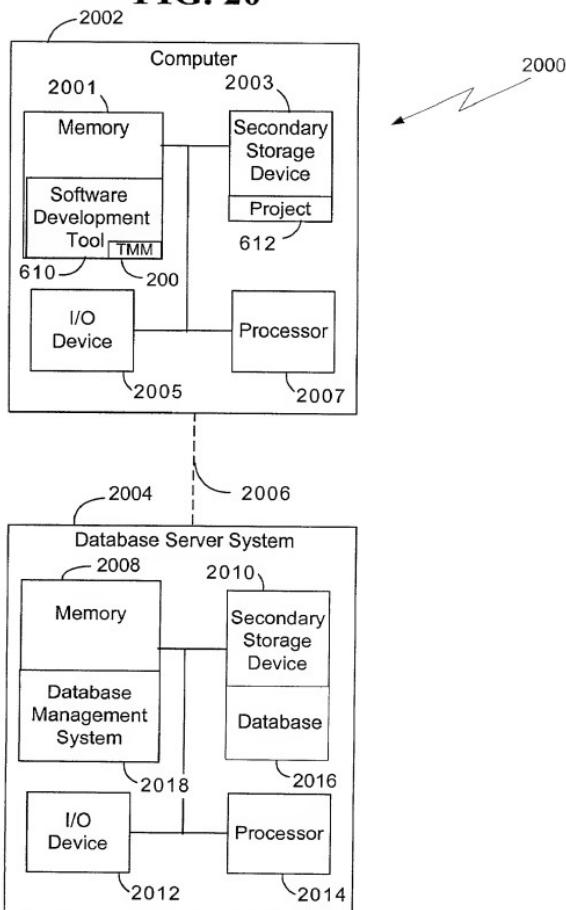
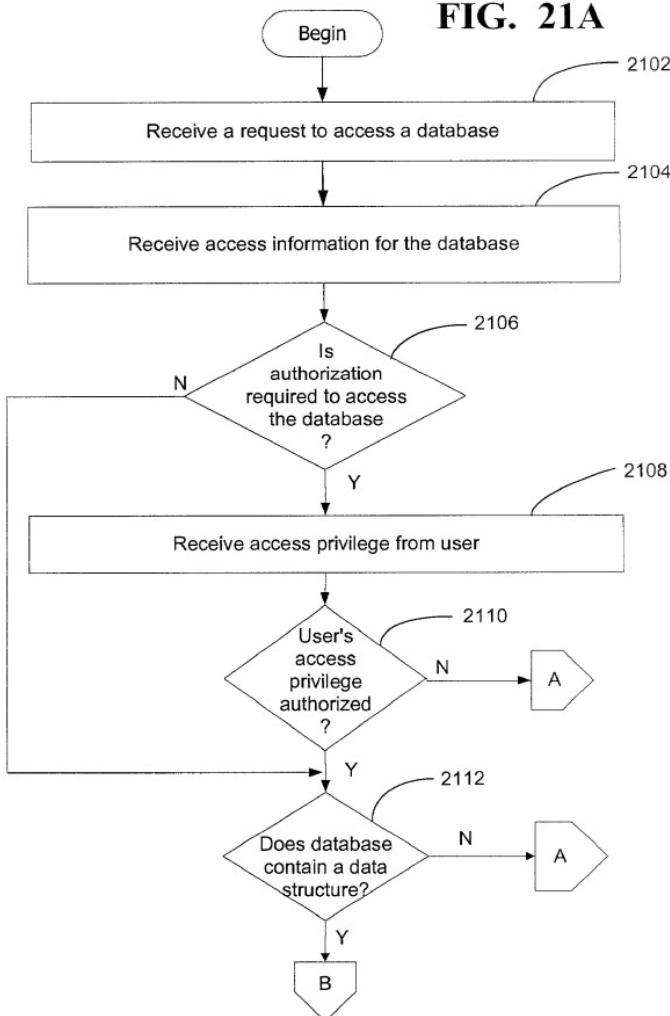
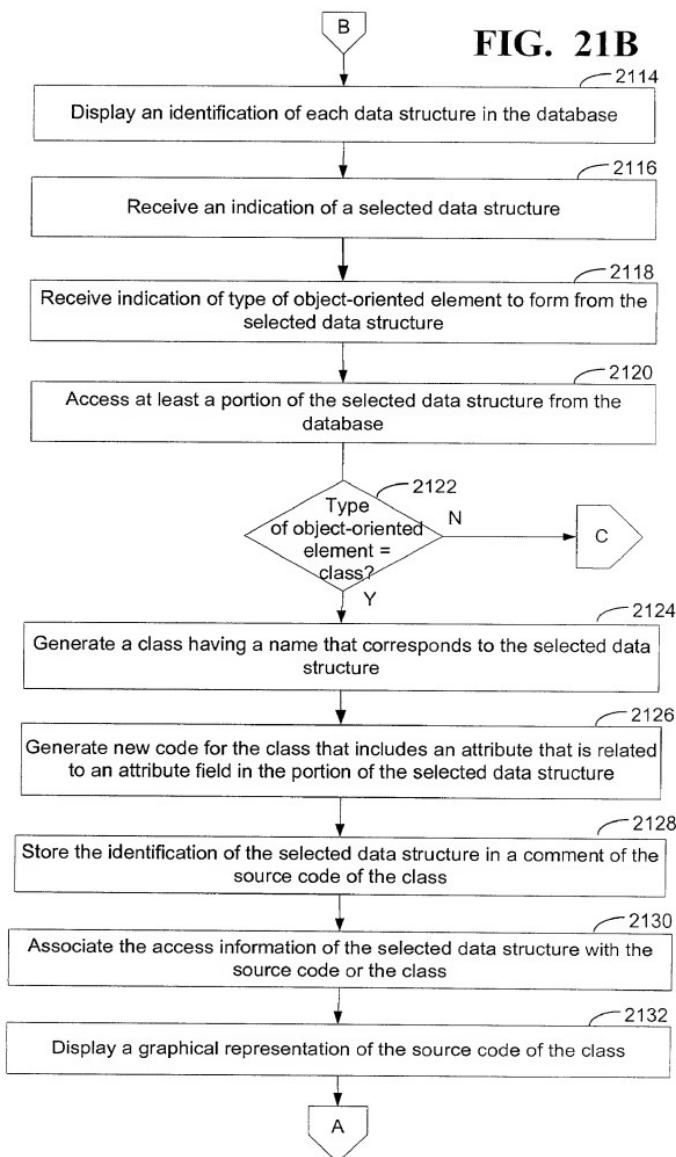


FIG. 21A



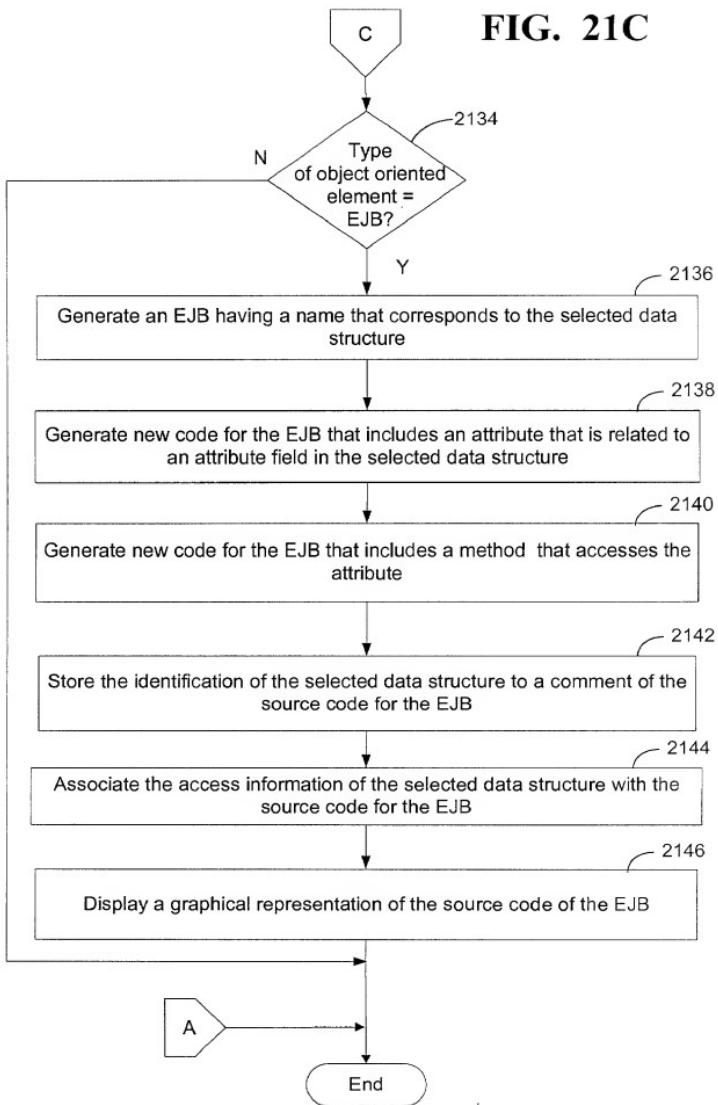
T00240 - 32565860

FIG. 21B



100410 32363803

FIG. 21C



00024161-93563865

FIG. 22

100210 - 5236880

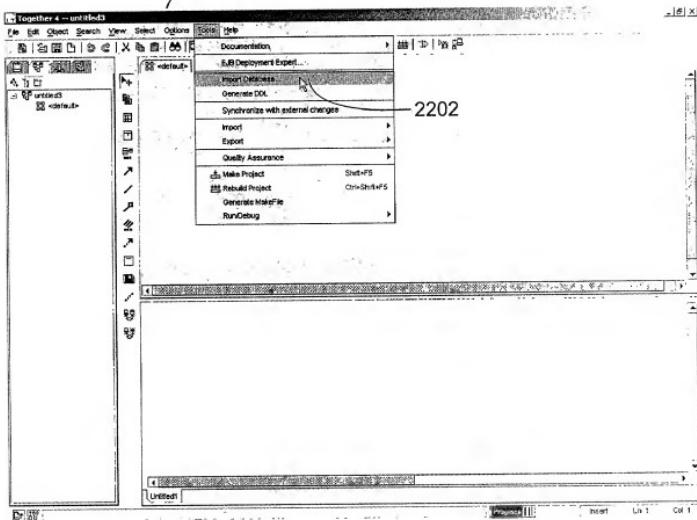


FIG. 23

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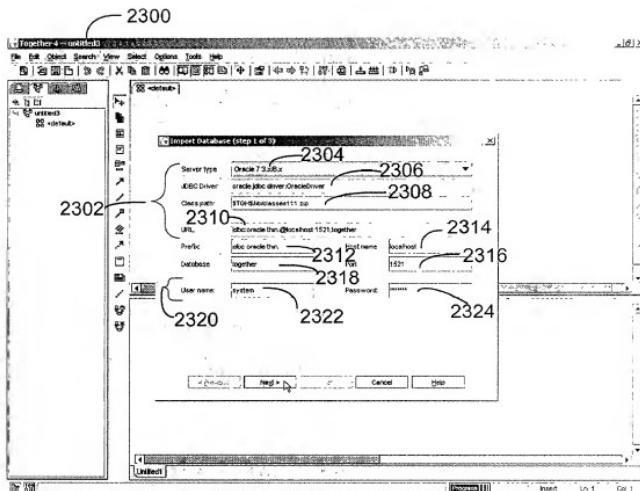
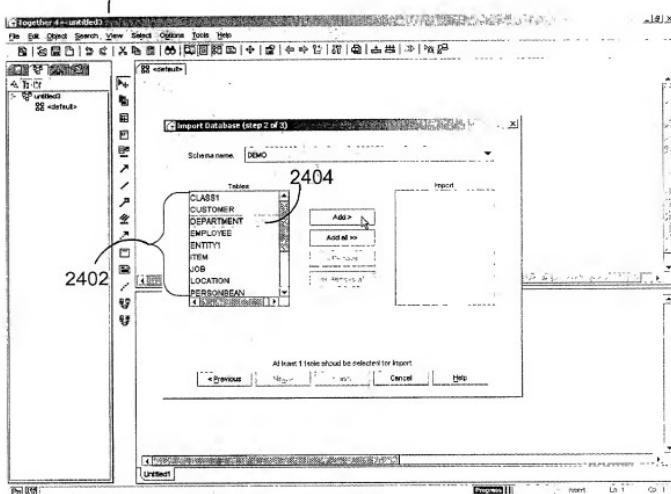
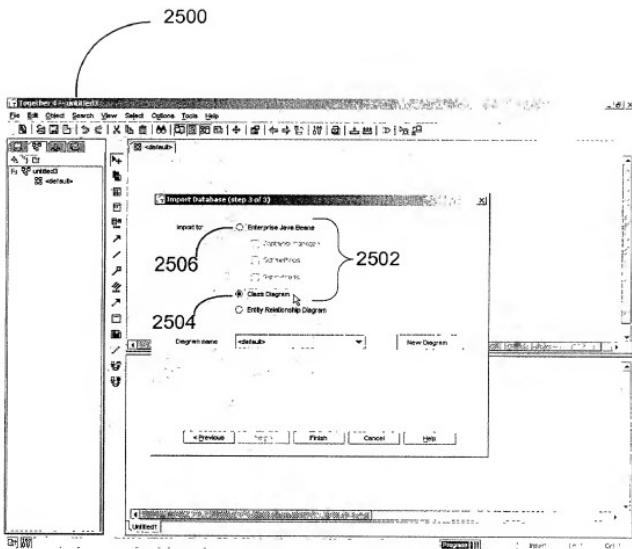


FIG. 24



03233526-914201

FIG. 25



09939526 - 0142001

FIG. 26

00000000000000000000000000000000

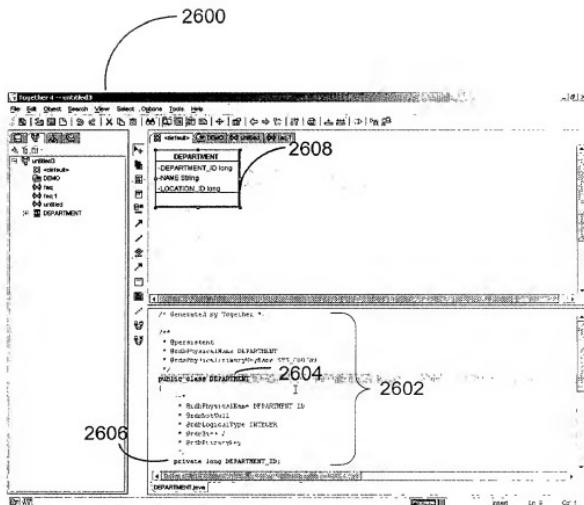


FIG. 27

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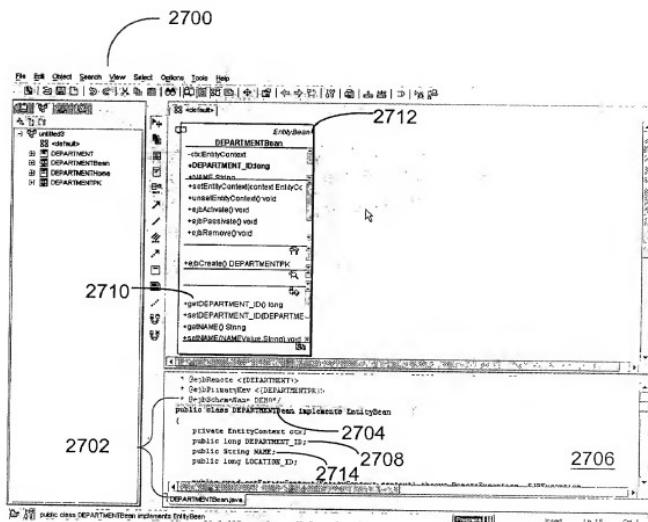


FIG. 28

```
/* Generated by Together */
import javax.ejb.EntityBean;
import javax.ejb.EntityContext;
import java.rmi.RemoteException;
import javax.ejb.EJBException;
import javax.ejb.CreateException;
import java.sql.SQLException;


    * @ejbHome <{ DEPARTMENTHome}>
    * @ejbRemote <{DEPARTMENT}>
    * @ejbPrimaryKey <{ DEPARTMENTPK}>
    * @ejbSchemaName DEMO
    * @ejbStructureID DEPARTMENT
    * @ejbACCESS Server: Oracle 7.3x/8x
    * @ejbACCESS Driver: oracle.jdbc.driver.OracleDriver,
    * @ejbACCESS Classpath: $ TGH5/lib/ classes111.zip,
    * @ejbACCESS URL:jdbc:oracle:thin@localhost:1521:together
public class DEPARTMENTBean implements EntityBean
{
    private EntityContext ctx;
    public long DEPARTMENT_ID;
    public String NAME;
    public long LOCATION_ID;

    public void setEntityContext( EntityContext context) throws
RemoteException, EJBException
    {
        ctx = context;
    }

    public void unsetEntityContext() throws RemoteException,
EJBException
    {
        ctx = null;
    }

    public void ejbActivate() throws RemoteException, EJBException
    {}

    public void ejbPassivate() throws RemoteException, EJBException
    {}

    public void ejbRemove() throws RemoteException, EJBException
    {}

    public void ejbStore() throws RemoteException, EJBException
    {}

    public void ejbLoad() throws RemoteException, EJBException
    {}
}


```

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FIG. 29A

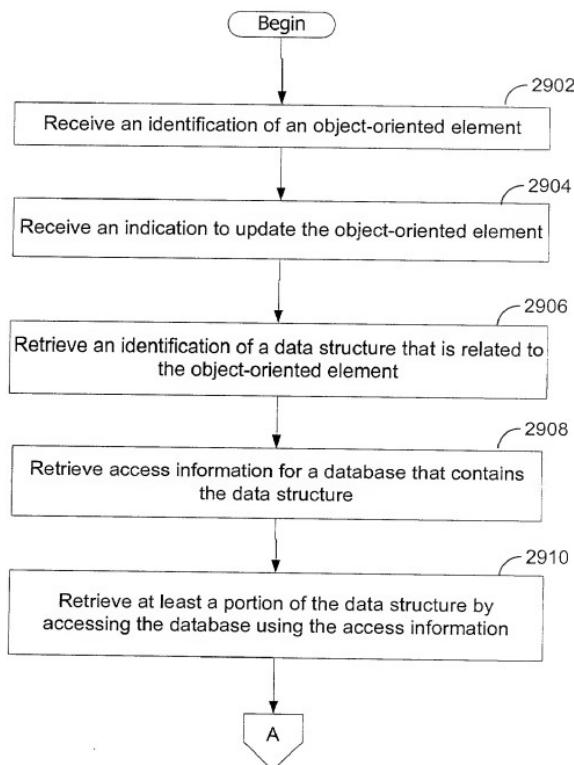


FIG. 29B

PROCESSED RECORDS

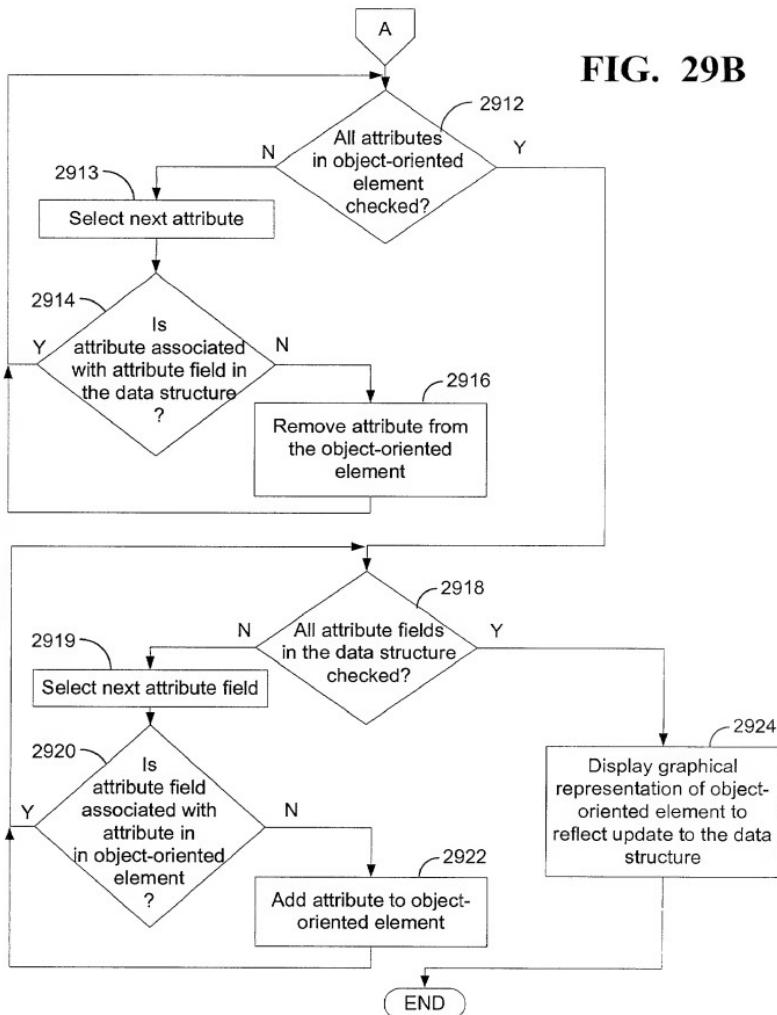


FIG. 30

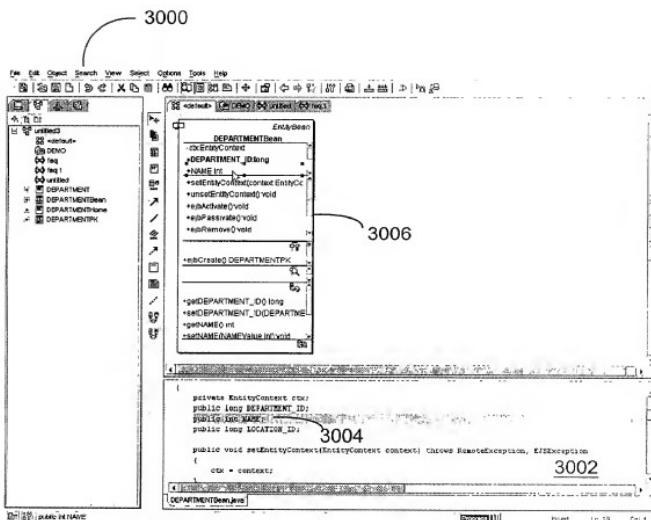


FIG. 31A

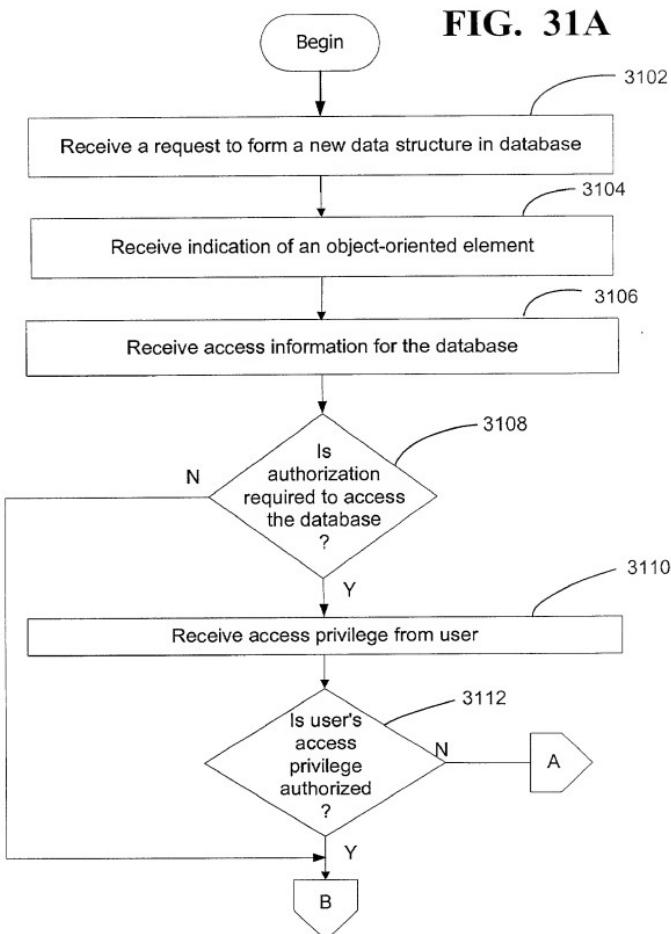


FIG. 31B

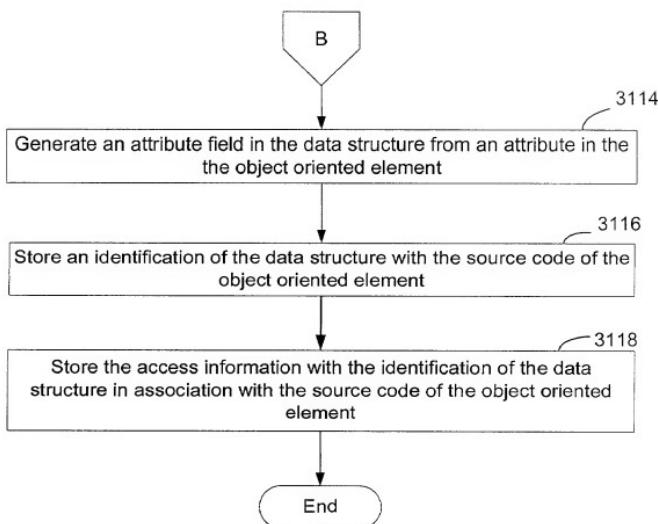
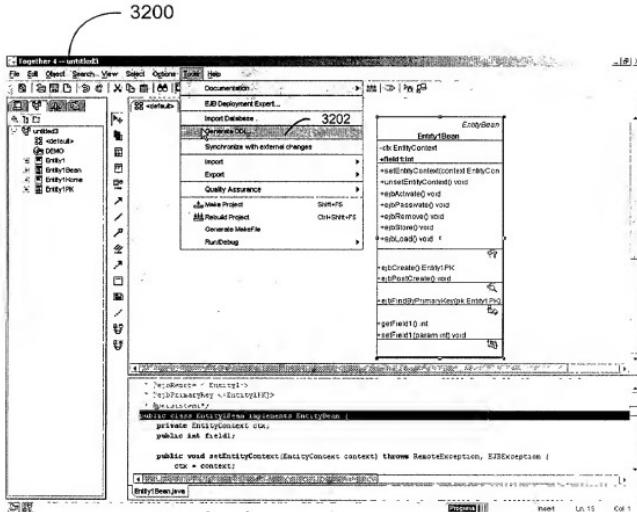
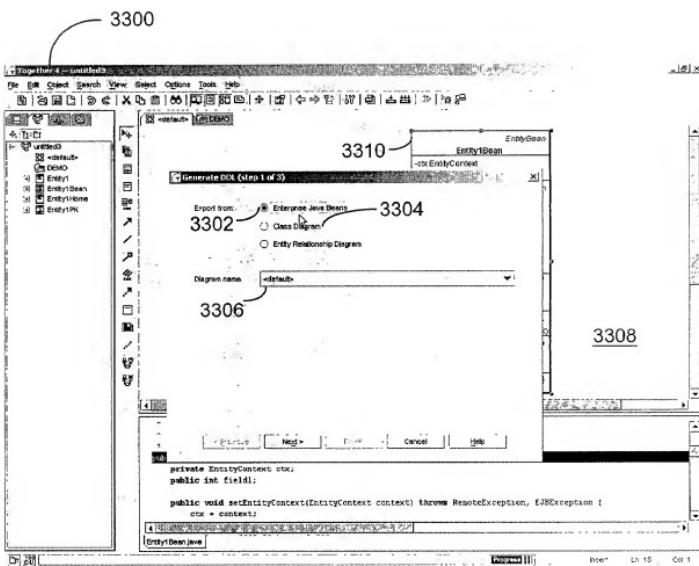


FIG. 32



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FIG. 33



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FIG. 34

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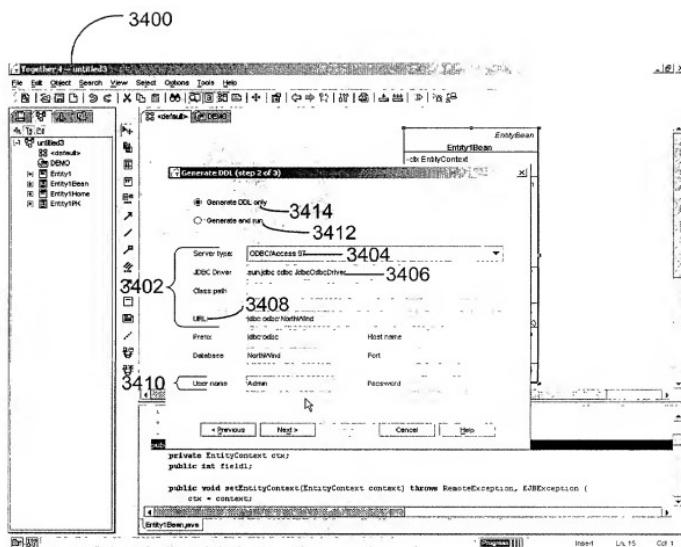


FIG. 35

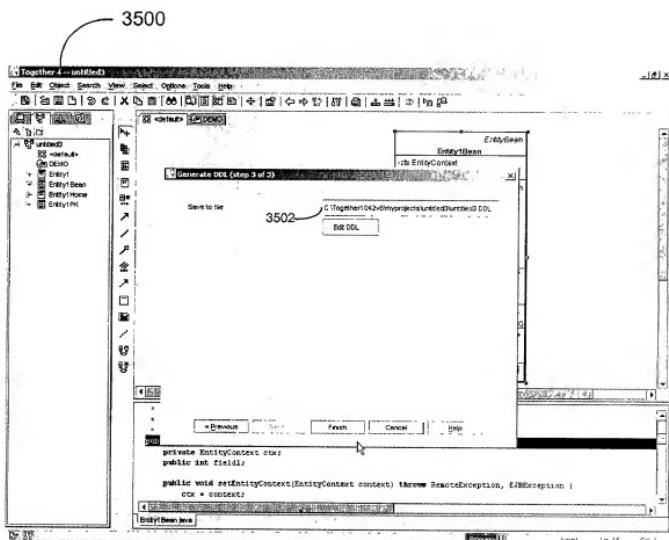


FIG. 36A

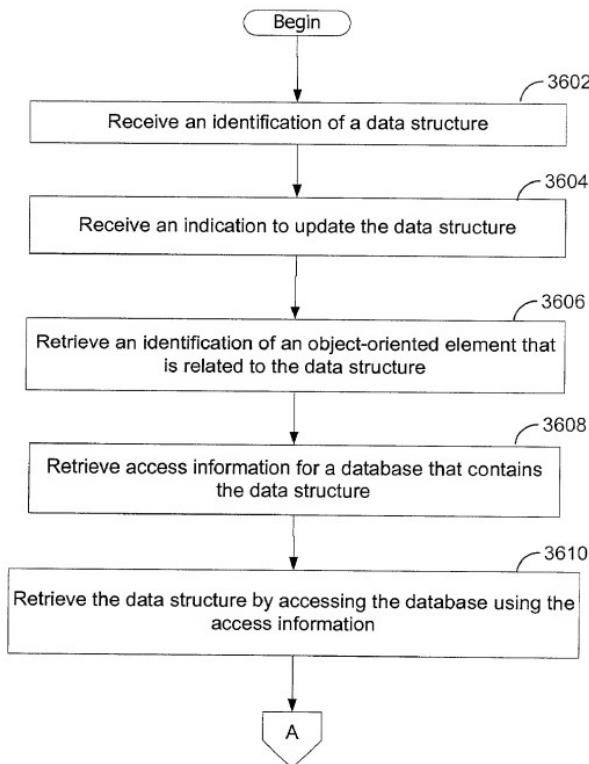
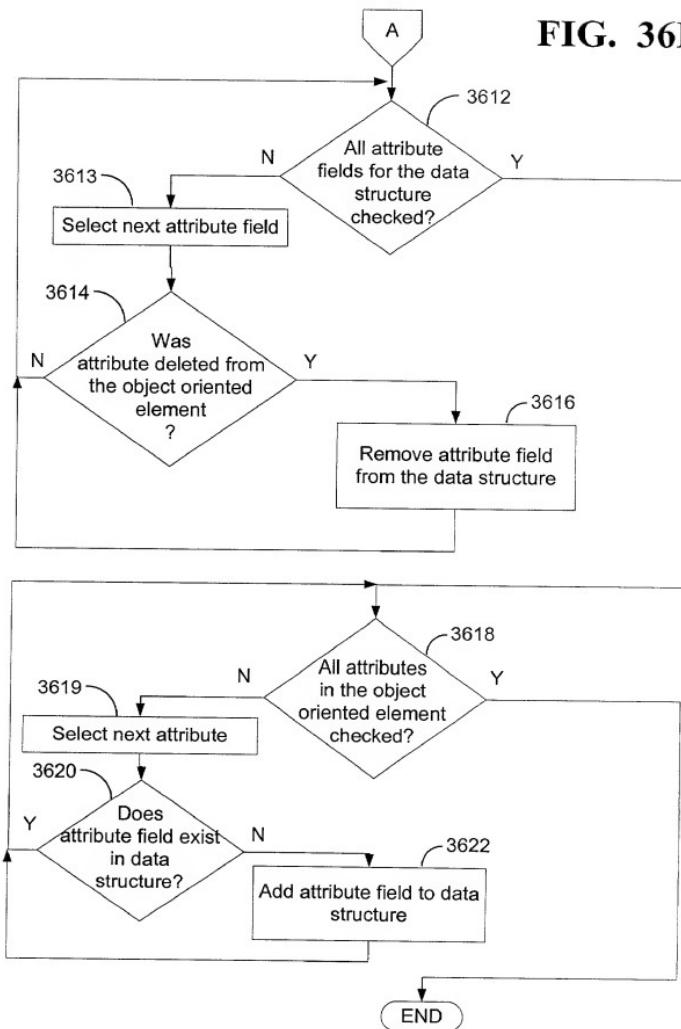


FIG. 36B



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